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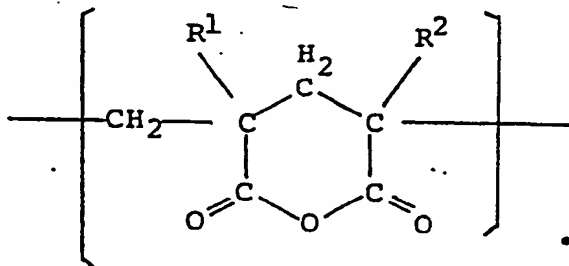
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54 A substrate for an optical element

57 A novel optical element substrate which comprises a random copolymer comprising, in specific weight proportions, a methyl methacrylate unit, an aromatic vinyl compound unit, an unsaturated aliphatic acid unit and a hexagonal acid anhydride unit of the formula



The substrate has excellent heat resistance, thermal stability, transparency, resistance to scratching and metal layer corrosion preventive properties and exhibits advantageously low double refraction and warpage. The novel substrate can be advantageously employed as a substrate for an optical element such as an optical disc, e.g. a digital audio disc, a video disc and a disc capable of being directly read after recording, a mirror, a lens and the like.

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EUROPEAN SEARCH REPORT

Application Number

EP 87 11 9155

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	CHEMICAL ABSTRACTS, vol. 100, no. 20, May 1984, page 41, abstract no. 157567w, Columbus, Ohio, US; & JP-A-58 217 501 (ASAHI CHEMICAL IND. CO., LTD) 17-12-1983 * Abstract * ---	1	C 08 F 8/48 G 02 B 1/00 G 11 B 7/24
A	CHEMICAL ABSTRACTS, vol. 104, no. 6, 6th February 1986, page 13, abstract no. 34525f, Columbus, Ohio, US; & JP-A-60 120 707 (ASAHI CHEMICAL INDUSTRY CO., LTD) 28-06-1985 * Abstract * ---	1	
A	GB-A-1 437 176 (IMPERIAL CHEMICAL INDUSTRIES LTD) * Claims 1-17 * ---	1	
A	US-A-3 137 660 (J.F. JONES) * Claim 1 * ---	1	
E,X	EP-A-0 264 508 (SUMITOMO CHEMICAL) * Claims 1-10 * -----	1-11	TECHNICAL FIELDS SEARCHED (Int. Cl.4) C 08 F G 02 B G 11 B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 01-12-1988	Examiner PERMENTIER W.A.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	

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